# FLUID POWER SYSTEM
## POWER BELOW THE WORK SURFACE

### FLUID POWER SYSTEM
The system for below the work surface features a 4-outlet electrical unit that mounts below the work surface and can daisy chain up to 4 tables (16-outlets) off a standard electrical outlet.

Made In The USA

Fluid power shown on the Here Series training table

### FEATURES
- System daisy chains the power on up to four tables, 16-outlets, off of a standard 15-amp electrical outlet.
- Fluid provides the benefits of a hard wired electrical system at less than half the cost while maintaining the flexibility of individual power strips without the hassle of finding an outlet for each one.
- Simple installation mounts power strips to pre-drilled holes using thumb screws and can be performed by anybody. No tools or electricians are required. Fluid can be retrofitted onto older Bretford Basics and Presentation Environments computer and training tables or anywhere the CFPS or ECF6 electrical units are used.
- A 12-amp electrical sensor monitors electrical usage and will shut the system down when an overload is detected. The power in-feed LED indicator shows green when the power configuration is within safe parameters and changes to a solid red LED if the system has too many power strips. The LED flashes red when more than one power in-feed is connected to the same row.
- Power strips clip together with jumper cables that span between the tables and can be quickly and easily released to allow the tables to be moved, maintaining flexibility for reconfiguration and allowing easier cleaning of the facility.
- Power strip and jumper cables are keyed alike, allowing individual tables to be connected in any order.
- The Fluid Power System has been tested by Underwriter Laboratories and UL Recognized for safety as an electrical component for use on tables. Not approved by the Electrical Safety Authority for use in Ontario Canada.
- Made in the USA.

### TABLE COMPATIBILITY
- The Fluid Power System can mount to the cord management bin on any Basics Connections (*except Connections Flat Screen*), Quattro or SmartDeck computer tables and KR training tables; Legacy Library Technology series tables and carrels; Collections Here and Presentation Environments training tables; and Tru and Presentation Environments conference room tables.

## COMPONENT DIMENSIONS

Power In Feed Cable with Sensor
- DPP120 - 120″l x 1 5/8″d x 3″h

4-Outlet Power Strip
- DPCF4 - 17 3/4″l x 1 5/8″d x 2 1/2″h

Jumper Cables
- DPJ12 - 12″l
- DPJ32 - 32″l
- DPJ38 - 38″l
- DPJ42 - 42″l
- DPJ54 - 54″l
- DPJ58 - 58″l
- DPJ62 - 62”l
- DPJ74 - 74”l
- DPJ86 - 86”l
- DPJ102 - 102”l
- DPJ118 - 118”l

Power In-Feed

Power Strip

Jumper Cable

## CARTON DIMENSIONS & UPC CODES

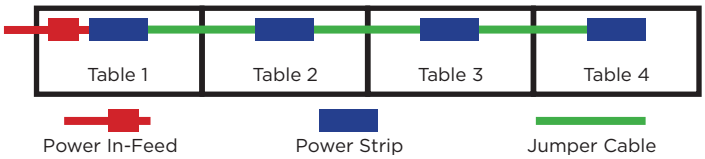
| | |
|---|---|
| Power In Feed Cable with Sensor | |
| DPP120 - 10 1/4”l x 6 1/2”d x 4 1/2”h | 0 96633 33344 8 |
| 4-Outlet Power Strip | |
| DPCF4 - 20”l x 4 1/2”d x 4”h | 0 96633 33835 1 |
| Jumper Cables | |
| DPJ12 - 10 1/4”l x 6 1/2”d x 4 1/2”h | 0 96633 33836 8 |
| DPJ32 - 10 1/4”l x 6 1/2”d x 4 1/2”h | 0 96633 33988 4 |
| DPJ38 - 10 1/4”l x 6 1/2”d x 4 1/2”h | 0 96633 33837 5 |
| DPJ42 - 10 1/4”l x 6 1/2”d x 4 1/2”h | 0 96633 33838 2 |
| DPJ54 - 10 1/4”l x 6 1/2”d x 4 1/2”h | 0 96633 33839 9 |
| DPJ58 - 10 1/4”l x 6 1/2”d x 4 1/2”h | 0 96633 33989 1 |
| DPJ62 - 10 1/4”l x 6 1/2”d x 4 1/2”h | 0 96633 33840 5 |
| DPJ74 - 10 1/4”l x 6 1/2”d x 4 1/2”h | 0 96633 33345 5 |
| DPJ86 - 10 1/4”l x 6 1/2”d x 4 1/2”h | 0 96633 33841 2 |
| DPJ102 - 10 1/4”l x 6 1/2”d x 4 1/2”h | 0 96633 33890 7 |
| DPJ118 - 10 1/4”l x 6 1/2”d x 4 1/2”h | 0 96633 33991 4 |

## POWER STRIP SEQUENCING

The key system on Fluid is all keyed alike and tables (power strips) may be arranged and rearranged in any order.

## HOW TO ORDER

1. Order one DPCF4 Power Strip for each table, carrel or power door on a conference table.
2. Order one DPP120 Power In-Feed cable for each first power strip in the row. *(Row of four tables max or four power strips max for each conference table or large library table/carrel.)*
3. Order the appropriate Jumper Cable to connect the 2nd, 3rd, and 4th power strips.




## UL RECOGNIZED

The Fluid Power System has been tested by Underwriter Laboratories for safety and UL Recognized to standard UL962 for commercial furnishing components. Fluid is intended for mounting power units to specific Bretford tables and not intended for use in other applications. Fluid has not been approved by the ESA for use in Ontario Canada.

## ELECTRICAL SPECIFICATIONS

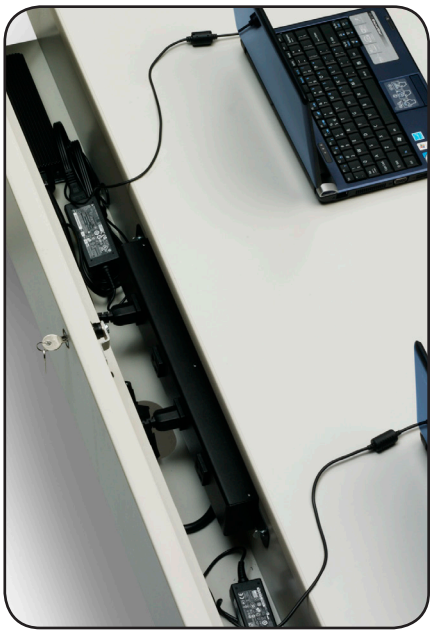
The Fluid Power System has a 12-amp total system rating and powers off a single circuit 15-amp electrical outlet. Supports up to four 4-outlet DPCF4 power strips, 16-outlets total, from one outlet. Additional 15-amp circuits are required when more than four DPCF4 power strips are used. When an excess of four power strips or 12-amps are placed on the system, the power in-feed sensor shuts down and the LED indicator light will change from green to a solid red color. Once the excess outlets or power strips are unplugged from the system the LED light will change back to green indicating the system has reset. Fluid uses common keying between components to allows power units to attach in any sequence.

## WARRANTY

Bretford warranties the Fluid Power System for 1-year, at date of shipment, against defects from materials or workmanship.

## MADE IN THE USA

Components of the Fluid Power System are manufactured for Bretford in the USA.



## JUMPER LENGTHS ON COMPUTER AND TRAINING TABLES

For convenience, use the Jumper Size Chart below to determine the correct jumper part number.

If your application does not fit into the chart, jumper length is determined from the center of one power strip to the center of the next power strip. Bretford tables mount the power strip in the same location on each table so when using tables of the same size, the distance the overall width of the table. When using tables of different widths, divide each table width in half and add them together for the correct length of the jumper.

## JUMPER LENGTHS ON LIBRARY TECHNOLOGY TABLES & CARRELS AND TRU & PRESENTATION ENVIRONMENTS CONFERENCE TABLES

Tables with multiple power doors use multiple jumper cables for the same table length. For convenience, use the Jumper Size Charts below to determine the correct jumper part number and quantity required. To connect two power strips mounted in the same conference table power door, use the 12"L jumper, DPJ12.

If your application does not fit into the chart, jumper length is determined from the center of one power strip to the center of the next power strip.

### TRAINING AND COMPUTER TABLE JUMPER SIZE CHART

| Table | 30"W | 36"W | 42"W | 48"W | 60"W | 66"W | 72"W | 84"W |
|---|---|---|---|---|---|---|---|---|
| **30"W** | DPJ32 | DPJ38 | DPJ38 | DPJ42 | DPJ54 | DPJ54 | DPJ54 | DPJ62 |
| **36"W** | DPJ38 | DPJ38 | DPJ42 | DPJ42 | DPJ54 | DPJ54 | DPJ54 | DPJ62 |
| **42"W** | DPJ38 | DPJ42 | DPJ42 | DPJ54 | DPJ54 | DPJ54 | DPJ58 | DPJ74 |
| **48"W** | DPJ42 | DPJ42 | DPJ54 | DPJ54 | DPJ54 | DPJ58 | DPJ62 | DPJ74 |
| **60"W** | DPJ54 | DPJ54 | DPJ54 | DPJ54 | DPJ62 | DPJ74 | DPJ74 | DPJ74 |
| **66"W** | DPJ54 | DPJ54 | DPJ54 | DPJ58 | DPJ74 | DPJ74 | DPJ74 | DPJ86 |
| **72"W** | DPJ54 | DPJ54 | DPJ58 | DPJ62 | DPJ74 | DPJ74 | DPJ74 | DPJ86 |
| **84"W** | DPJ62 | DPJ62 | DPJ74 | DPJ74 | DPJ74 | DPJ86 | DPJ86 | DPJ86 |

### LIBRARY TECHNOLOGY TABLE JUMPER SIZE CHART

| Table | 48"W | 60"W | 72"W | 96"W |
|---|---|---|---|---|
| **48"W** | DPJ54 | DPJ54 | DPJ32 & DPJ54 | DPJ32 & DPJ62 |
| **60"W** | DPJ54 | DPJ62 | DPJ32 & DPJ54 | DPJ32 & DPJ62 |
| **72"W** | DPJ32 & DPJ54 | DPJ32 & DPJ54 | DPJ32 *(2)* & DPJ42 | DPJ32 *(2)* & DPJ54 |
| **96"W** | DPJ32 & DPJ62 | DPJ32 & DPJ62 | DPJ32 *(2)* & DPJ54 | DPJ32 *(2)* & DPJ74 |

**Note:** Each 72" and 96" Technology Table and Carrel have two power doors and require one DPJ32 jumper to connect between them.

### LIBRARY TECHNOLOGY CARREL JUMPER SIZE CHART

| Table | 36"W | 48"W | 60"W | 72"W | 96"W |
|---|---|---|---|---|---|
| **36"W** | DPJ38 | DPJ42 | DPJ54 | DPJ32 & DPJ42 | DPJ32 & DPJ54 |
| **48"W** | DPJ42 | DPJ54 | DPJ54 | DPJ32 & DPJ54 | DPJ32 & DPJ62 |
| **60"W** | DPJ54 | DPJ54 | DPJ62 | DPJ32 & DPJ54 | DPJ32 & DPJ62 |
| **72"W** | DPJ32 & DPJ42 | DPJ32 & DPJ54 | DPJ32 & DPJ54 | DPJ32 *(2)* & DPJ42 | DPJ32 *(2)* & DPJ54 |
| **96"W** | DPJ32 & DPJ54 | DPJ32 & DPJ62 | DPJ32 & DPJ62 | DPJ32 *(2)* & DPJ54 | DPJ32 *(2)* & DPJ74 |

### TRU CONFERENCE TABLE JUMPER SIZE CHART

| Table & Doors | Jumper 1 | Qty | Jumper 2 | Qty |
|---|---|---|---|---|
| **72"L - 1 Door** | *N/A* | *N/A* | *N/A* | *N/A* |
| **84"L - 1 Door** | *N/A* | *N/A* | *N/A* | *N/A* |
| **96"L - 2 Doors** | DPJ32 | 1 | *N/A* | *N/A* |
| **120"L - 2 Doors** | DPJ32 | 1 | *N/A* | *N/A* |
| **144"L - 2 Doors** | DPJ58 | 1 | *N/A* | *N/A* |
| **168"L - 2 Doors** | DPJ58 | 1 | *N/A* | *N/A* |
| **192"L - 2 Doors** | DPJ102 | 1 | *N/A* | *N/A* |
| **192"L - 4 Doors** | DPJ32 | 2 | DPJ42 | 1 |
| **240"L - 2 Doors** | DPJ118 | 1 | *N/A* | *N/A* |
| **240"L - 4 Doors** | DPJ32 | 2 | DPJ58 | 1 |

### PE CONFERENCE TABLE JUMPER SIZE CHART

| Table & Doors | Jumper 1 | Qty | Jumper 2 | Qty |
|---|---|---|---|---|
| **72"L - 1 Door** | *N/A* | *N/A* | *N/A* | *N/A* |
| **84"L - 1 Door** | *N/A* | *N/A* | *N/A* | *N/A* |
| **96"L - 2 Doors** | DPJ32 | 1 | *N/A* | *N/A* |
| **120"L - 2 Doors** | DPJ32 | 1 | *N/A* | *N/A* |
| **144"L - 2 Doors** | DPJ58 | 1 | *N/A* | *N/A* |
| **168"L - 2 Doors** | DPJ102 | 1 | *N/A* | *N/A* |
| **168"L - 4 Doors** | DPJ32 | 2 | DPJ42 | 1 |
| **192"L - 2 Doors** | DPJ102 | 1 | *N/A* | *N/A* |
| **192"L - 4 Doors** | DPJ32 | 2 | DPJ42 | 1 |
| **240"L - 2 Doors** | DPJ118 | 1 | *N/A* | *N/A* |
| **240"L - 4 Doors** | DPJ32 | 2 | DPJ58 | 1 |

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